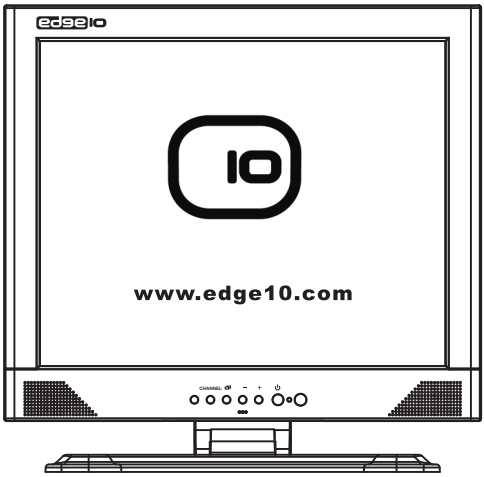
Advanced Display Systems



The display comes with a three year on site warranty. To activate your warranty please register your display at www.edge10.com/support

LCD Display

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Introduction

Product Description

Congratulations on your purchasing this new generation of monitor. Your LCD monitor incorporates high quality display into a small light weighted module. It has power-saving capabilities and emits no X-ray radiation. You will certainly benefit from this monitor in lots of way to name some of them, comfort safety and environmental protection.

This LCD monitor incorporates 19″ color active matrix thin-film-transistor (TFT) liquid crystal display to provide superior display performance. A maximum resolution of SXGA 1280X1024 is ideal for designs that enhance this LCD monitor's performance are Plug & play compatibility, audio system and OSD (On Screen Display) controls.

Package Contents

Included with your LCD monitor are following items:

- 19″ TFT LCD monitor
- 15pin D-sub signal cable
- AC power cable
- User's manual
- Sound Card Cable
- Warranty Card

Product Features

- High contrast color TFT LCD display support resolution up to SXGA 1280X1024
- Compatible with IBM VGA, VESA, and Macintosh standards.
- Embedded audio system provides sound performance.
- AV-IN and S-video use.
- AUDIO, and PC line in sound application.

Cleaning

- Gently wipe the screen with a clean camel hair lens brush, or a soft, clean, lint-free cloth.
- This removes dust and other particles that can scratch the screen,
- Do not apply pressure to the screen surface when wiping it clean.
- Do not pour or spray any liquid directly onto the screen or case of the LCD monitor.
- Chemical cleaners have been reported to damage the screen or the LCD monitor.

Precautions

- Read all these instructions and save them for later use.
- Follow all warning and instructions on the product.

Product

- Do not block the vent holes in the case.
- Do not insert sharp objects or spill liquid into the LCD monitor through cabinet slots.
  It may cause accidental fire, electric shock or failure.
- Disconnect the power plug from the AC outlet if you are not using it for an indefinite period of time.
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.
- Do not touch the screen directly with your fingers. You may damage the screen, and the oil from your skin is difficult to remove.
- Do not apply pressure to screen. The LCD is very delicate.

Power

- Use the type of power indicated on the marking label.

Plugs

- Do not remove any of the prongs of the monitor's three-pronged power plug.
- Disconnect the power plug from the AC outlet under following conditions:
- If you are not using it for an indefinite period time.
- When the power cord or plug is damaged or frayed.
- If the product does not operate normally when the operating instructions are followed.

- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

Power and extension cords

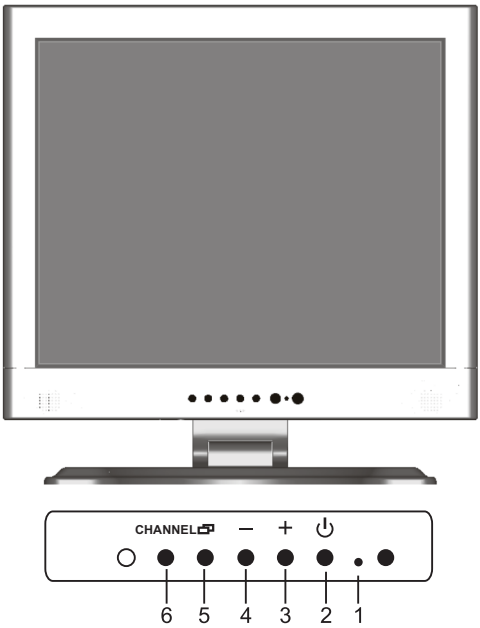
- Do not allow anything to rest on the power cord.
- Do not locate this product where persons will walk on the cord.
- Use the proper power cord with correct attachment plug type. If the power source is 120V AC, use a power cord that has UL and C-UL approvals. If the power source is a 240V AC supply, use the tandem (T blade) type attachment plug with ground conductor power cord that meets the respective European country's safety regulations, such as VDE for Germany.
- Do not overload wall outlets or power cords. Ensure that the total of all units plugged into the wall outlet does not exceed 10 amperes.
- Ensure that the total ampere ratings on all units plugged into the extension cord is not above the cord's rating.
- If the power supply cord, which came with your monitor, is to be connected to the PC instead of the wall outlet, this equipment is to be used with UL/TUV approved computers with receptacle rated 100~240V AC,50/60Hz,1.0A(minimum).

Environment

- Place the monitor on a flat and level surface.
- Place the monitor in a well-ventilated place.
- Keep the monitor away from:
  Overly hot, cold or humid places, places directly under sunlight, dusty surroundings, equipment that generate strong magnetic fields.

Control Function

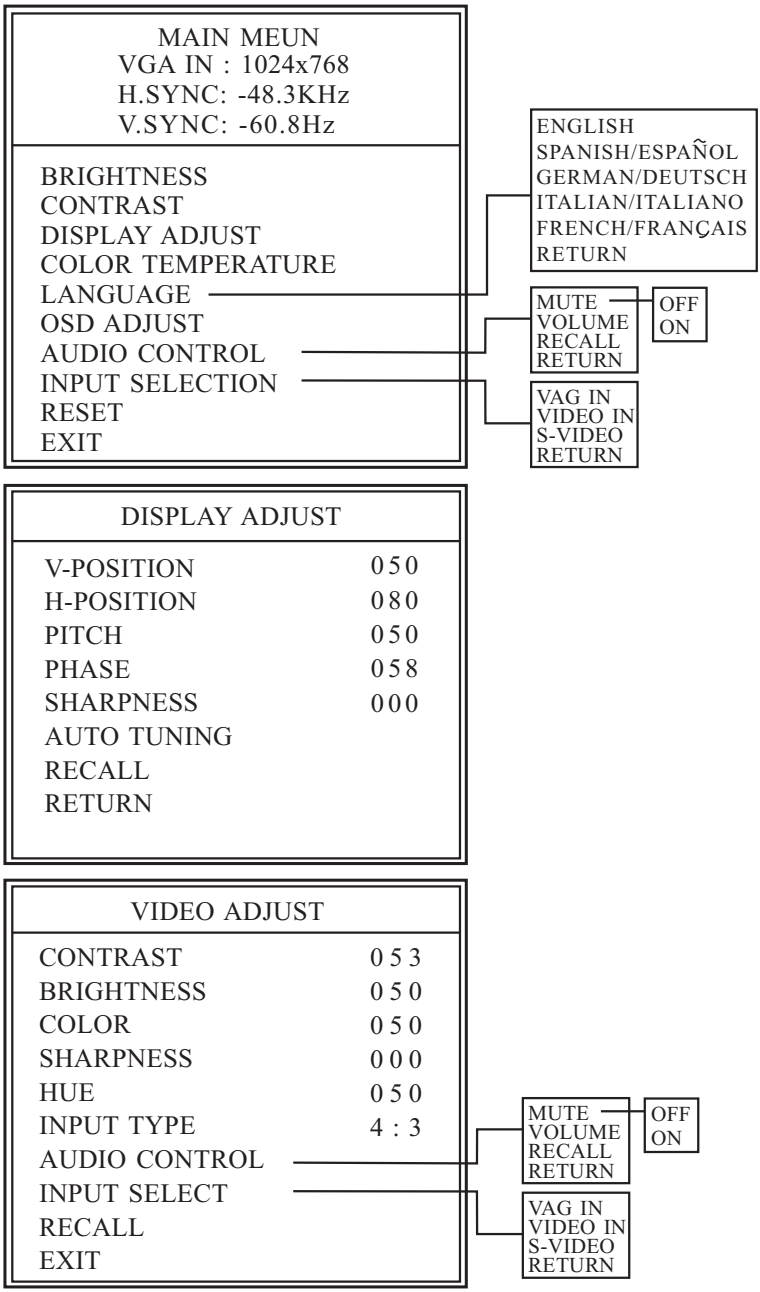
Control Button Front View



1. PowerLED: This power LED indicates different status when this unit operates in different modes.
2. Power switch: pressing this button turns the display system power on or off.
3. Increase: This button is used to increase the value of the selected OSD control option or the volume when in audio mode.

4. Decrease:This button is used to decrease the value of the selected OSD control option or the volume when in audio mode.
5. OSD Menu/select: Pressing this button pops up the OSD menus on the screen and used to select the OSD control options on the screen.
6. Channel: Selects input mode: VGA>VIDEO>S-VIDEO >VGA>.

OSD CONTROL


MAIN MEUN
VGA IN : 1024x768
H.SYNC: -48.3KHz
V.SYNC: -60.8Hz
BRIGHTNESS
CONTRAST
DISPLAY ADJUST
COLOR TEMPERATURE
LANGUAGE
OSD ADJUST
AUDIO CONTROL
INPUT SELECTION
RESET
EXIT
ENGLISH
SPANISH/ESPAÑOL
GERMAN/DEUTSCH
ITALIAN/ITALIANO
FRENCH/FRANÇAIS
RETURN
MUTE
VOLUME
RECALL
RETURN
OFF
ON
VAG IN
VIDEO IN
S-VIDEO
RETURN
DISPLAY ADJUST
V-POSITION 050
H-POSITION 080
PITCH 050
PHASE 058
SHARPNESS 000
AUTO TUNING
RECALL
RETURN
VIDEO ADJUST
CONTRAST 053
BRIGHTNESS 050
COLOR 050
SHARPNESS 000
HUE 050
INPUT TYPE 4 : 3
AUDIO CONTROL
INPUT SELECT
RECALL
EXIT
MUTE
VOLUME
RECALL
RETURN
OFF
ON
VAG IN
VIDEO IN
S-VIDEO
RETURN

BRIGHTNESS: Adjusts background black level of the screen image.
CONTRAST: Adjusts foreground white level of the screen image.
H.POSITION: Moves the screen image left or right.
V.POSITION: Moves the screen up and down.
PITCH: Adjusts image distortion appearing as vertical bars or “noise” on the screen.
PHASE: Adjusts image distortion appearing as horizontal “noise” on the screen.
SHARPNESS: Adjusts clarity and focus of the screen images.
COLOR TEMPERATURE: Adjusts color temperatures for users.
LANGUAGE: Allows you to choose from five languages as English, Spanish, German, French, Italian
AUDIO CONTROL: Switch muting ON/OFF and Volume control.
INPUT SELECTION: Select VGA, VIDEO IN, S-VIDEO signal input.
RESET: Returns all controls back to factory setting
COLOR: Adjusts color saturation of the screen image.
HUE: Adjusts the phase of the color of the screen image.
INPUT TYPE: Selects display ratio of the screen image 4:3 or 16:9. .

HOT KEY CONTROL

1. VGA HOT KEY

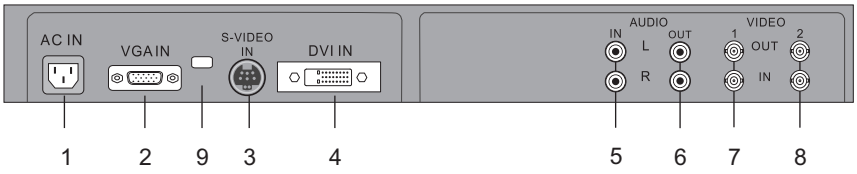
DOWN KEY ⟷ BRIGHTNESS
UP KEY ⟷ CONTRAST

2. VGA+A HOT KEY

UP KEY ⟷ VOLUME INCREASE
DOWN KEY ⟷ VOLUME DECREASE

Inputs Diagram

Inputs

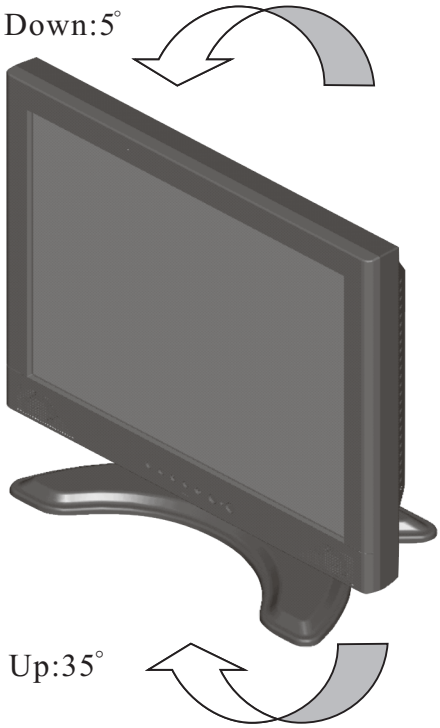


1. AC POWER INPUT : AC inlet for 110/220V power system.
2. VGA IN: This D-sub 15 sockets can be connected to a PC or DVR.
3. S-VIDEO INPUT: Inputs S-video signal by DIN socket.
4. DVI IN: This is to be connected with the digital signal connector
5. AUDIO IN: Thess RCA sockets can be connected to audio outputs (L---White terminal, R---Red terminal).
6. AUDIO OUT: These RCA sockets can output sound to other speakers (L--White terminal, R---Red terminal).
7. VIDEO-1 IN: This socket can be connected to a composite Video output.
VIDEO-1 OUT: This socket is the loop-through output with Auto-termination from above video inputs.
8. VIDEO-2 IN: This socket can be connected to a composite Video output.
VIDEO-2 OUT: This socket is the loop-through output with auto-termination from above video inputs.
9. KENSINGTON LOCK: This is kensington lock hole for security.

Display Angle

Tilting

For viewing clarity, you can tilt the LCD forward (Down to 5 degrees) or backward (Up to 35 degrees).



1.Install the monitor stand

Push the stand away from the main body

Slide the base until you hear a lock sound.

2.Fold the monitor stand.

Tilt the screen as shown above

Slide the button to the right hand side

Now push the screen as shown above

Product Specification

Spec \ Model	PC
LCD Display	19″ active matrix TFT LCD panel
Pixel pitch	0.294(H)x0.294(V) mm
Max Resolution	1280(H)x1024(V)SXGA
Dimensions	140(V)x500(H)x450(L) mm
Packing Dimensions	220(V)x550(H)x520(L) mm
Contrast Ratio	500:1
Brightness	300cd/m^2
Response Time	8ms
Display Color	16.2M
Viewing Angle L/R	150°
U/D	130°
PC Interface Video Sync	RGB analog 0.7Vp p
Display Mode	VGA/SVGA/XGA/SXGA
PC connector	15 pin D-sub
Front Control	Power on/off with LED, Menu select, Up/Down Adjustment, Auto tuning
OSD Adjustment	Contrast, Brightness, Auto tuning, Phase, H-Position, V-Position, Input selection, Audio control
Additional function	Kensington Lock
Audio speaker	2W
Power input	AC Input:100~240V/1.8A,50-60Hz
Operating Consumption	50W
Operating Conditions	Temperature:0℃-40℃ Humidity: 20%-80%
Storage Conditions	Temperature:-20℃-60℃ Humidity: 20%-80%
Certification	FCC(DOC), CE, CB , VCCI, UL, CSA, TUV
Weight	N/W:7.2Kgs G/W:9.8Kgs

Display Modes

Model	Resolution	H Freq(kHz)	V Freq(Hz)
0	720*350	31.469	70.087
1	640*480	31.469	59.940
2	640*480	35.000	66.667
3	640*480	37.861	72.809
4	640*480	37.500	75.000
5	720*400	31.469	70.087
6	800*600	37.879	60.317
7	800*600	46.875	75.000
8	1024*768	48.363	60.004
9	1024*768	56.476	70.069
10	1024*768	60.023	75.029
11	1280*1024	63.981	60.020
12	1280*1024	79.976	75.025

Service Information

Service

When you buy this excellent LCD Monitor, you are entitled to the warranty provided by us, please contact us if you need any information on our product.

Thank you again for buying our products .

www.edge10.com

P/NO. : A0019FED00 REV:A